

Amendments to the Claims:

A clean version of the entire set of pending claims, including amendments to the claims, is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of representing a video image based on a video signal by means of a projector which comprises an image display device and a high-pressure gas discharge lamp, which lamp is supplied with a square-wave alternating current (~~I0, I10~~) on which a current pulse (~~P1, P3, P10, P40~~) is superimposed before each phase reversal, characterized in ~~that~~wherein the alternating current (~~I0, I10~~) is superimposed with a second current pulse (~~P2, P4, P20, P30, P50, P60~~) of the same polarity.

2. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P2, P4, P20, P30, P50, P60~~) occurs periodically.

3. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P2, P4, P20, P30, P50, P60~~) occurs aperiodically.

4. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P2, P4, P20, P30, P50, P60~~) has the same contour as the current pulse (~~P1, P3, P10, P40~~) before the phase reversal.

5. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P2, P4, P20, P30, P50, P60~~) has a pulse duration (~~tP2, tP20, tP30~~) that can be varied.

6. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P2, P4, P20, P30, P50, P60~~) has an amplitude that can be varied.

7. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P2, P4, P20, P30, P50, P60~~) lies within a time period given by the last 80% of the total duration of a half cycle.

8. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the alternating current (~~I0, I10~~) is synchronized with the video signal.

9. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P1, P2, P3, P4, P10, P20, P30, P40, P50, P60~~) takes place during a white segment (~~4, 8~~).

10. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the second current pulse (~~P1, P2, P3, P4, P10, P20, P30, P40, P50, P60~~) occurs during a transition (~~10, 11, 12, 13, 14~~) from one color to another.

11. (Currently Amended) A method as claimed in claim 1, characterized in ~~that~~wherein the frequency of the alternating current (~~I0, I10~~) can be varied.

12. (Previously Presented) A projector for a method as claimed in claim 1.

13. (Currently Amended) A projector for representing a video image based on a video signal, comprising an image display device and a high-pressure gas discharge lamp, which lamp is supplied with a square-wave alternating current (~~I0, I10~~) on which a current pulse (~~P1, P3, P10, P40~~) is superimposed before each phase

reversal, characterized in that the alternating current (~~I0, I10~~) is superimposed with a second current pulse (~~P2, P4, P20, P30, P50, P60~~) of the same polarity.

14. (New) The method of claim 2, wherein the second current pulse has the same contour as the current pulse before the phase reversal.

15. (New) The method of claim 3, wherein the second current pulse has the same contour as the current pulse before the phase reversal.

16. (New) The method of claim 2, wherein the second current pulse takes place during a white segment.

17. (New) The method of claim 4, wherein the second current pulse takes place during a white segment.

18. (New) The method of claim 4, wherein the second current pulse takes place during a white segment.

19. (New) The method of claim 7, wherein the second current pulse occurs during a transition from one color to another.

20. (New) The method of claim 1, wherein the second current pulse is superimposed to occur one sixth of a lamp cycle prior to the current pulse before the phase reversal.